

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) An industrial automation system computer display comprising:
 - a primary display region including a window area for displaying information for an industrial automation system;
 - a peripheral display region comprising a plurality of indicator tabs each having a original assigned functionality;
 - means for determining an event which upon occurrence of the event superimpose a message indicator ~~superimposed over~~ one of said indicator tabs causing a second functionality of said indicator tab ~~a portion of the peripheral region;~~ and
 - a user-activated icon means for navigating a user to the source of the event in said primary display region causing retrieval and display of an industrial automation system message, wherein the industrial automation system message is displayed in a pop-up window and wherein the pop-up window is placed within the window area of the primary display region upon selection for a first period of time of said one indicator tab having said second functionality ~~in such a way that it does not obstruct the information displayed in the window area.~~

2. (Original) The industrial automation system computer display according to claim 1, wherein the peripheral region comprises a top edge, a bottom edge and lateral edges circumscribing an icon for invoking tools for running and debugging application programs.

3. (Currently Amended) The industrial automation system computer display according to claim 1, wherein the ~~message~~ indicator tabs are ~~is~~ located in a status bar.

4. (Currently Amended) The industrial automation system computer display according to claim 1, wherein the message indicator is displayed superimposed over said one indicator tab ~~the peripheral display region~~ when triggered by an automation system message.

5. (Currently Amended) The industrial automation system computer display according to claim 1, wherein ~~the user-activated icons~~said one indicator tab is displayed approximately in the center of the peripheral region.

6. (Currently Amended) The industrial automation system computer display according to claim 1, wherein ~~the user-activated icons~~said one indicator tab is located adjacent the bottom edge of the peripheral region.

7. (Currently Amended) The industrial automation system computer display according to claim 1, wherein ~~the user-activated icons~~said one indicator tab, when selected ~~for a first period of time, invokes retrieval of a single message, and, when selected~~ for a second period of time, invokes retrieval of a plurality of messages in a pop-up window placed within said primary display region.

8. (Cancelled)

9. (Original) The industrial automation system computer display according to claim 7, wherein the first period of time is less than the second period of time.

10. (Cancelled)

11. (Original) The industrial automation system computer display according to claim 7, wherein the messages in the pop-up window are associated with respective time tags and in an order based on the time tags.

12. (Original) The industrial automation system computer display according to claim 1, wherein the message indicator is accompanied by an audio-visual warning comprising an audible sound and a blinking display comprising a color contrasting with the visual characteristics of the surrounding peripheral region.

13. (Currently Amended) A method for use with an industrial automation display having a peripheral display region and a primary display region including a window area for displaying information for an industrial automation system, the method for displaying messages relating to industrial automation applications and providing user-activated inquiry into the messages, the method comprising the steps of:

(a) displaying information for the industrial automation system in the window area;
(b) providing a plurality of indicator tabs each having an original functionality a message indicator, in the peripheral region only, and upon occurrence of an event superimposing one of said indicator tabs with indicating the presence of a message indicator;

(c) receiving a signal from the user via the user's activation of the message indicator;
and

(d) in response to receiving the signal from the user, navigating a user to the source of said event in said primary display region upon activation of the message indicator for a first time period retrieving the contents of a message associated with the message indicator and displaying the retrieved message contents in a pop-up window, wherein the pop-up window is placed within the window area of the primary display region in such a way that it does not obstruct the information displayed in the window area.

14. (Currently Amended) The method according to claim 12, wherein upon activation of the message indicator for a second time period the contents of a message associated with the event are retrieved and the retrieved message contents are displayed in a pop-up window, wherein the pop-up window is placed within the window area of the primary display region~~a single message is retrieved if the user's activation comprises a selection lasting a first period of time, and a plurality of messages is retrieved if the user's activation comprises a second period of time.~~

15. (Currently Amended) The method according to claim ~~13~~14, wherein the first period of time is less than the second period of time.

16. (Currently Amended) The method according to claim ~~12~~14, wherein the messages relate to a fault-causing event.

17. (Currently Amended) A method for permitting a user to interact with an industrial automation display, the display comprising a primary display region including a window area for displaying information for an industrial automation system and a peripheral display region, the method comprising the steps of:

(a) displaying information for the industrial automation system in the window area **and displaying a plurality of indicator tabs each having an original functionality;**

~~(ab) superimposing receiving an industrial automation display comprising a message indicator superimposed over one of said indicator tabs~~ on the peripheral display region **upon the occurrence of an event;**

~~(bc) navigating a user to a source of said event in said primary display region upon activation of the message indicator for a first time period activating retrieval of message contents by selecting the message indicator;~~ and

~~(c) receiving the retrieved message contents;~~

(d) displaying ~~the message~~**information related to the event** in a pop-up window ~~and wherein the pop-up window is placed within the window area of the primary display region upon activation of the message indicator for a second time period in such a way that it does not obstruct the information displayed in the window area.~~

18. (Previously Presented) The method according to claim 17, wherein the message indicator is accompanied by an acoustic signal.

19. (Previously Presented) The method according to claim 17, wherein the message relates to a fault-causing event.

20. (Original) The method according to claim 18, wherein the user responding to the signal comprises viewing and assessing the nature of the fault-causing message.

21. (Previously Presented) The method according to claim 17, wherein the step of activating retrieval of the message comprises clicking on the message indicator.

22. (Cancelled)

23. (Original) The method according to claim 20, wherein the pop-up window shows a list of messages related to the fault-causing event presented in the order of their occurrence.

24. (Previously Presented) The method according to claim 17, further comprising the step of entering a response to a message in the window area.